

July 2014

# Monthly Operations Report



## Table of Contents

1.0	Volumes and Lane Usage .....	3
2.0	Bus Travel Time .....	4
3.0	Revenues .....	5
4.0	Operational Incidents, Issues, and Closures .....	5
5.0	Mean Time Between Failure (MTBF) and Mean Time to repair (MTTR) .....	5
6.0	Hybrid Utilization .....	5

### TABLES

Table 1 - July 2014 Traffic Summary .....	3
Table 2 - Hybrid Utilization .....	5

### FIGURES

Figure 1 - Traffic by Type .....	4
Figure 2 - Daily Traffic Volumes .....	4

# INTRODUCTION

Pursuant to Schedule 6, Section 1.8.2(a) of the Concession Agreement, Plenary Roads Denver (“PRD”) is required to submit a monthly report covering all essential statistics related to the Managed Lanes. The following data covers the month of July 2014.

## 1.0 VOLUMES AND LANE USAGE

The total monthly traffic volume for July 2014 was 309,188.

The table below provides the monthly summary, along with a detailed breakdown of weekday volumes. For reference, the AM Peak Period is considered to be weekdays from 6:45 am – 8:45 am. The PM Peak Period is considered to be weekdays from 4:30pm – 6:00pm.

July 2014 Summary						
	Transponder	Hybrid	License Plate	HOV	Violation	Total
Total Monthly Traffic	73,265	4,565	32,444	202,856	623	309,188
Maximum Weekday Traffic	3,878	238	1,750	7,908	34	12,595
Average Weekday Traffic	2,363	147	1,047	6,544	20	9,974
Average AM Peak/Hour	475	59	196	721	3	1,395
Average PM Peak/Hour	454	49	210	881	4	1,549

Table 1 - July 2014 Traffic Summary

The following tables depict the daily traffic counts (Table 1) and distribution of traffic by type (Table 2) for the month.

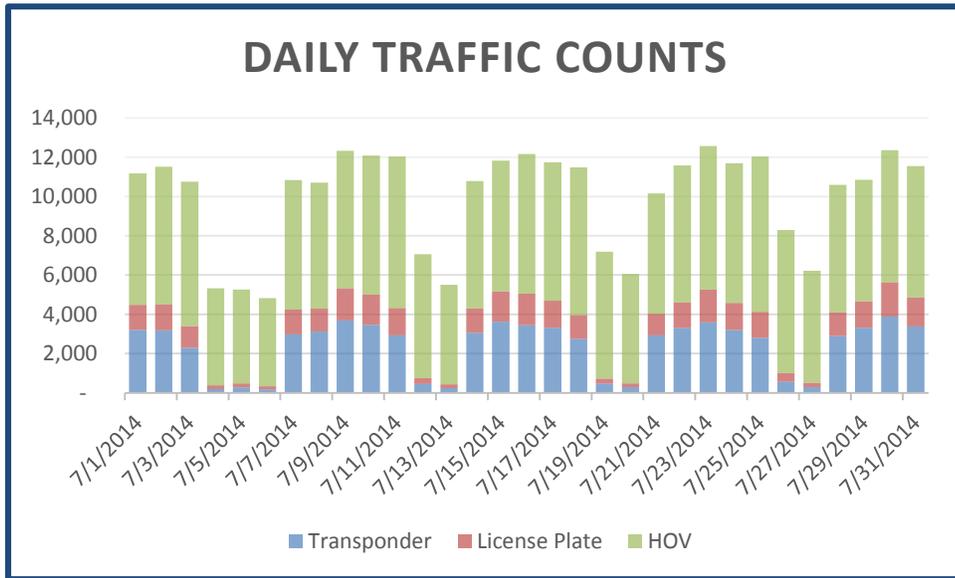


Figure 1 - Traffic by Type

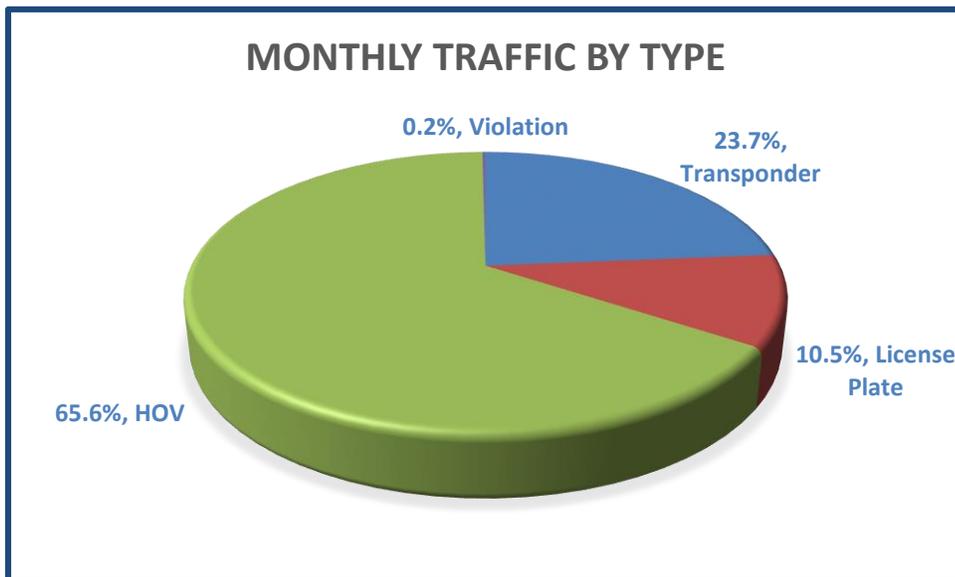


Figure 2 - Daily Traffic Volumes

## 2.0 BUS TRAVEL TIME

Beginning in August 2013, RTD has been replacing its old T21 plastic case transponders with new 6C sticker transponders. The travel time indicators (“TTIs”) in the lanes are only able to read the T21 protocol. As a result, there is not an ability to track the travel times of the buses in the Express Lanes

during the month of July 2014. Updated TTIs have been procured and will be installed during the coming months.

### 3.0 REVENUES

During the month of July 2014, PRD collected \$258,574 from users of the Managed Lanes. For the purposes of this report, revenues are recognized at the time which they are collected, which is typically sometime after they have been incurred for those customers who are billed based on their licence plate. For example, if a single-occupant vehicle uses the lanes in March but pays in July, the associated revenue is attributed to July.

### 4.0 OPERATIONAL INCIDENTS, ISSUES, AND CLOSURES

The project did not experience any operational incidents, issues, or closures during the month of July 2014.

### 5.0 MEAN TIME BETWEEN FAILURE (MTBF) AND MEAN TIME TO REPAIR (MTTR)

There were no breakdown failures of the Maintained Elements during the month of July 2014.

### 6.0 HYBRID UTILIZATION

Total Hybrid Trips	Average AM Peak	Average PM Peak
4,565	59	49

Table 2 - Hybrid Utilization

Fuel efficient “Hybrid” vehicles are permitted to access the Express Lanes free of charge, regardless of occupant numbers, provided that they have obtained a permit from CDOT, obtained a Hybrid transponder from E-470, and display an E-470 Hybrid decal on the vehicle’s windshield.